



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/927,734
Source: OIPE
Date Processed by STIC: 08/23/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

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Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/927,734

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
 Wrapped Aminos: was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will
 prevent "wrapping."

- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

- 3 Misaligned Amino The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers;
 Numbering use space characters, instead.

- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please
 ensure your subsequent submission is saved in ASCII text.

- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules,
 each n or Xaa can only represent a single residue. Please present the maximum number of each
 residue having variable length and indicate in the <220>-<223> section that some may be missing.

- 6 PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
 "bug" sequences(s) . Normally, PatentIn would automatically generate this section from the
 previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to
 the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for
 Artificial or Unknown sequences.

- 7 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

- 8 Skipped Sequences Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 (NEW RULES) <210> sequence id number
 <400> sequence id number
 000

- 9 ✓ Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
 (NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

- 10 Invalid <213> Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
 Response scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or
 is Artificial Sequence

- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
 Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
 "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

- 12 PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
 "bug" resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
 listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

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OIPE

RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/927,734C

TIME: 16:02:58

Input Set : A:\06279-1.txt

Output Set: N:\CRF3\08162001\I927734.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Selitrennikoff, Claude
 4 Nakata, Mitsunori
 6 <120> TITLE OF INVENTION: Method for the Identification of Fungal Glucose Utilization
 7 Inhibitors and Antifungal Agents
 9 <130> FILE REFERENCE: MYCOLOGX-06279
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/927,734
 C--> 11 <141> CURRENT FILING DATE: 2001-08-10
 11 <160> NUMBER OF SEQ ID NOS: 14
 13 <170> SOFTWARE: PatentIn version 3.0
 15 <210> SEQ ID NO: 1
 16 <211> LENGTH: 20
 17 <212> TYPE: PRT
 18 <213> ORGANISM: Artificial Sequence ✓
 20 <220> FEATURE:
 21 <223> OTHER INFORMATION: Synthetic ✓
 23 <220> FEATURE:
 24 <221> NAME/KEY: SITE
 25 <222> LOCATION: (1)..(1)
 26 <223> OTHER INFORMATION: Xaa at this position can be Val, Ile, or Leu.
 29 <220> FEATURE:
 30 <221> NAME/KEY: SITE
 31 <222> LOCATION: (4)..(6)
 32 <223> OTHER INFORMATION: Xaa at these positions can be Val, Ile, or Leu.
 35 <220> FEATURE:
 36 <221> NAME/KEY: SITE
 37 <222> LOCATION: (7)..(9)
 38 <223> OTHER INFORMATION: Xaa at these positions can be any amino acid.
 41 <220> FEATURE:
 42 <221> NAME/KEY: SITE
 43 <222> LOCATION: (10)..(10)
 44 <223> OTHER INFORMATION: Xaa at this position can be Val, Ile, or Leu.
 47 <220> FEATURE:
 48 <221> NAME/KEY: SITE
 49 <222> LOCATION: (13)..(13)
 50 <223> OTHER INFORMATION: Xaa at this position can be any amino acid.
 53 <220> FEATURE:
 54 <221> NAME/KEY: SITE
 55 <222> LOCATION: (15)..(15)
 56 <223> OTHER INFORMATION: Xaa at this position can be Val, Ile, or Leu.
 59 <220> FEATURE:
 60 <221> NAME/KEY: SITE
 61 <222> LOCATION: (17)..(17)
 62 <223> OTHER INFORMATION: Xaa at this position can be Ser or Thr.
 65 <220> FEATURE:
 66 <221> NAME/KEY: SITE
 67 <222> LOCATION: (18)..(18)
 68 <223> OTHER INFORMATION: Xaa at this position can be any amino acid.

Does Not Comply
Corrected Diskette Needed

See page 2 of 6

DATE: 08/23/2001
TIME: 16:02:58

Input Set : A:\06279-1.txt
Output Set: N:\CRF3\08162001\I927734.raw

71 <220> FEATURE:
72 <221> NAME/KEY: SITE
73 <222> LOCATION: (19)..(20)
74 <223> OTHER INFORMATION: Xaa at these positions can be Val, Ile, or Leu.
77 <400> SEQUENCE: 1 ✓✓✓✓✓✓✓✓
W--> 79 Xaa Glu Asp Xaa Xaa Xaa Xaa Xaa Xaa Xaa Arg Gly Xaa Gly Xaa Gly
80 1 5 10 15
W--> 82 Xaa Xaa Xaa Xaa
83 20
85 <210> SEQ ID NO: 2
86 <211> LENGTH: 13
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence ✓
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Synthetic ✓
93 <220> FEATURE:
94 <221> NAME/KEY: SITE
95 <222> LOCATION: (2)..(2)
96 <223> OTHER INFORMATION: Xaa at this position can be any amino acid.
99 <220> FEATURE:
100 <221> NAME/KEY: SITE
101 <222> LOCATION: (5)..(5)
102 <223> OTHER INFORMATION: Xaa at this position can be Val, Ile, or Leu.
105 <220> FEATURE:
106 <221> NAME/KEY: SITE
107 <222> LOCATION: (6)..(6)
108 <223> OTHER INFORMATION: Xaa at this position can be any amino acid.
111 <220> FEATURE:
112 <221> NAME/KEY: SITE
113 <222> LOCATION: (7)..(7)
114 <223> OTHER INFORMATION: Xaa at this position can be Val, Ile, or Leu.
117 <220> FEATURE:
118 <221> NAME/KEY: SITE
119 <222> LOCATION: (9)..(9)
120 <223> OTHER INFORMATION: Xaa at this position can be any amino acid.
123 <220> FEATURE:
124 <221> NAME/KEY: SITE
125 <222> LOCATION: (10)..(10)
126 <223> OTHER INFORMATION: Xaa at this position can be Lys, Arg, or His.
129 <220> FEATURE:
130 <221> NAME/KEY: SITE
131 <222> LOCATION: (11)..(11)
132 <223> OTHER INFORMATION: Xaa at this position can be Val, Ile, or Leu.
135 <220> FEATURE:
136 <221> NAME/KEY: SITE
137 <222> LOCATION: (12)..(12) Errored-charge to (13)..(13)
138 <223> OTHER INFORMATION: Xaa at this position can be Tyr or Phe..
141 <400> SEQUENCE: 2
W--> 143 Asn Xaa Pro Ala Xaa Xaa Xaa Tyr Xaa Xaa Xaa Gly Xaa

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Sequence location does not match sequence.

RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/927,734C

TIME: 16:02:58

Input Set : A:\06279-1.txt

Output Set: N:\CRF3\08162001\I927734.raw

144 1 5 10
146 <210> SEQ ID NO: 3
147 <211> LENGTH: 20
148 <212> TYPE: PRT
149 <213> ORGANISM: Candida albicans
151 <400> SEQUENCE: 3
153 Ile Glu Asp Ile Ser Val Ala Lys Ser Glu Gln Gly Lys Lys Leu Gly
154 1 5 10 15
156 Tyr Tyr Leu Val
157 20
159 <210> SEQ ID NO: 4
160 <211> LENGTH: 10
161 <212> TYPE: PRT
162 <213> ORGANISM: Candida albicans
164 <400> SEQUENCE: 4
166 Asn Val Gly Phe Tyr Glu Lys Cys Gly Tyr
167 1 5 10
169 <210> SEQ ID NO: 5
170 <211> LENGTH: 23
171 <212> TYPE: PRT
172 <213> ORGANISM: Saccharomyces cerevisiae
174 <400> SEQUENCE: 5
176 Ile Glu Asp Ile Ala Val Asn Ser Lys Tyr Gln Gly Gln Gly Leu Gly
177 1 5 10 15
179 Lys Leu Leu Ile Pro Arg Thr
180 20
182 <210> SEQ ID NO: 6
183 <211> LENGTH: 10
184 <212> TYPE: PRT
185 <213> ORGANISM: Saccharomyces cerevisiae
187 <400> SEQUENCE: 6
189 Asn Val Lys Phe Tyr Glu Lys Cys Gly Phe
190 1 5 10
192 <210> SEQ ID NO: 7
193 <211> LENGTH: 20
194 <212> TYPE: PRT
195 <213> ORGANISM: Mus musculus
197 <400> SEQUENCE: 7
199 Val Glu Asp Val Val Val Ser Asp Glu Cys Arg Gly Lys Gln Leu Gly
200 1 5 10 15
202 Lys Leu Leu Leu
203 20
205 <210> SEQ ID NO: 8
206 <211> LENGTH: 10
207 <212> TYPE: PRT
208 <213> ORGANISM: Mus musculus
210 <400> SEQUENCE: 8
212 Asn Val Gly Phe Tyr Lys Lys Phe Asp Tyr
213 1 5 10

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/927,734C

DATE: 08/23/2001

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Input Set : A:\06279-1.txt

Output Set: N:\CRF3\08162001\I927734.raw

215 <210> SEQ ID NO: 9
216 <211> LENGTH: 20
217 <212> TYPE: PRT
218 <213> ORGANISM: Homo sapiens
220 <400> SEQUENCE: 9
222 Leu Glu Asp Phe Phe Val Met Ser Asp Tyr Arg Gly Phe Gly Ile Gly
223 1 5 10 15
225 Ser Glu Ile Leu
226 20
228 <210> SEQ ID NO: 10
229 <211> LENGTH: 13
230 <212> TYPE: PRT
231 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 10
235 Asn Glu Pro Ser Ile Asn Phe Tyr Lys Arg Arg Gly Ala
236 1 5 10
238 <210> SEQ ID NO: 11
239 <211> LENGTH: 20
240 <212> TYPE: PRT
241 <213> ORGANISM: Homo sapiens
243 <400> SEQUENCE: 11
245 Tyr Ser Thr Gly Met Val His Leu Leu Leu Gln Val Thr Ile Asp Gly
246 1 5 10 15
248 Arg Asn Tyr Ile
249 20
251 <210> SEQ ID NO: 12
252 <211> LENGTH: 10
253 <212> TYPE: PRT
254 <213> ORGANISM: Homo sapiens
256 <400> SEQUENCE: 12
258 Ile Glu Ala Tyr Phe Glu Arg Ile Gly Tyr
259 1 5 10
261 <210> SEQ ID NO: 13
262 <211> LENGTH: 20
263 <212> TYPE: PRT
264 <213> ORGANISM: Homo sapiens
266 <400> SEQUENCE: 13
268 Leu Phe His Leu Ser Val Asp Asn Glu His Arg Gly Gln Gly Ile Ala
269 1 5 10 15
271 Lys Ala Leu Val
272 20
274 <210> SEQ ID NO: 14
275 <211> LENGTH: 13
276 <212> TYPE: PRT
277 <213> ORGANISM: Homo sapiens
279 <400> SEQUENCE: 14
281 Gln Leu Ser Ala Met Gly Leu Tyr Gln Ser Leu Gly Phe
282 1 5 10

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/927,734C

DATE: 08/23/2001

TIME: 16:02:59

Input Set : A:\06279-1.txt

Output Set: N:\CRF3\08162001\I927734.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

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